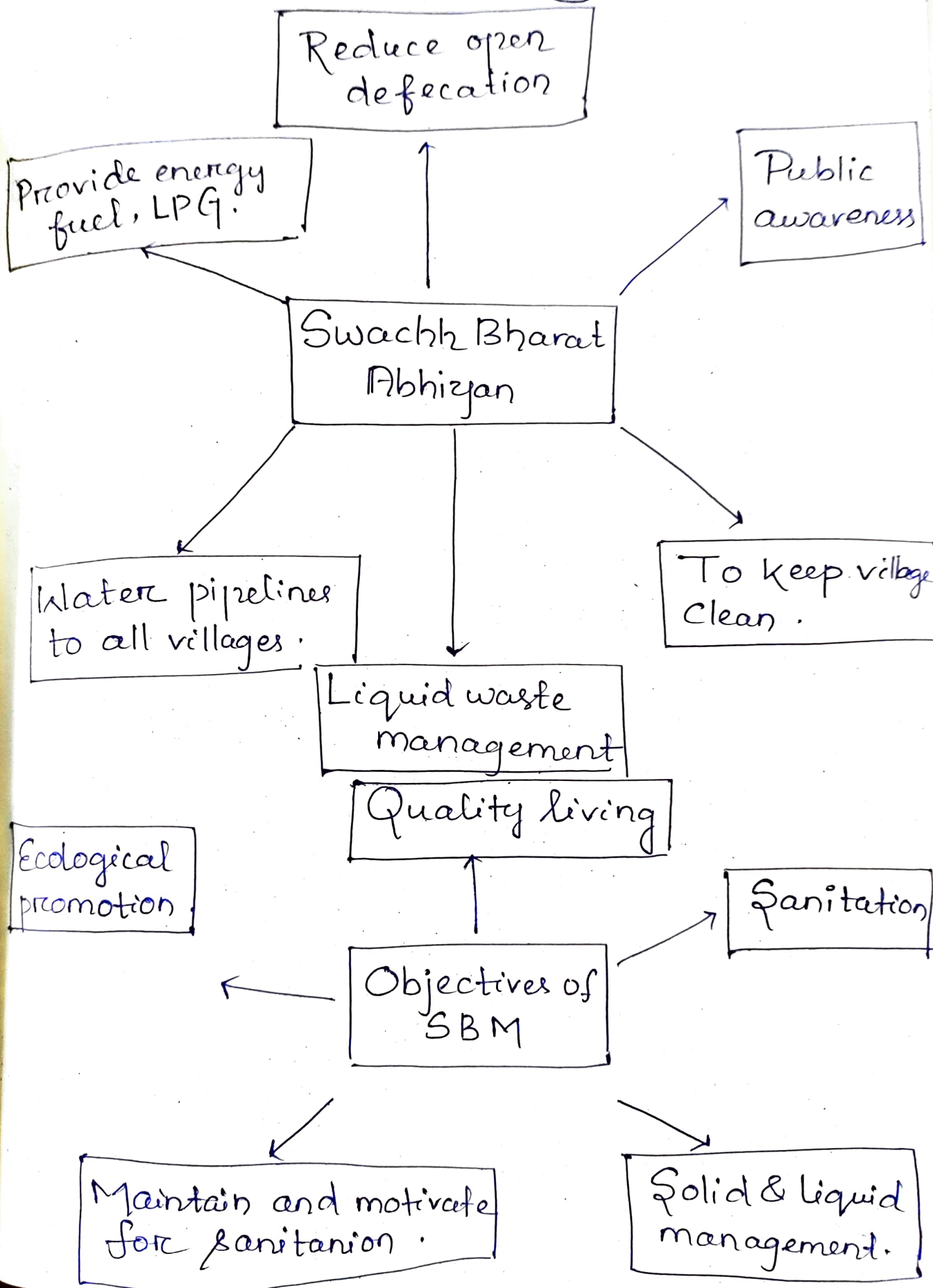
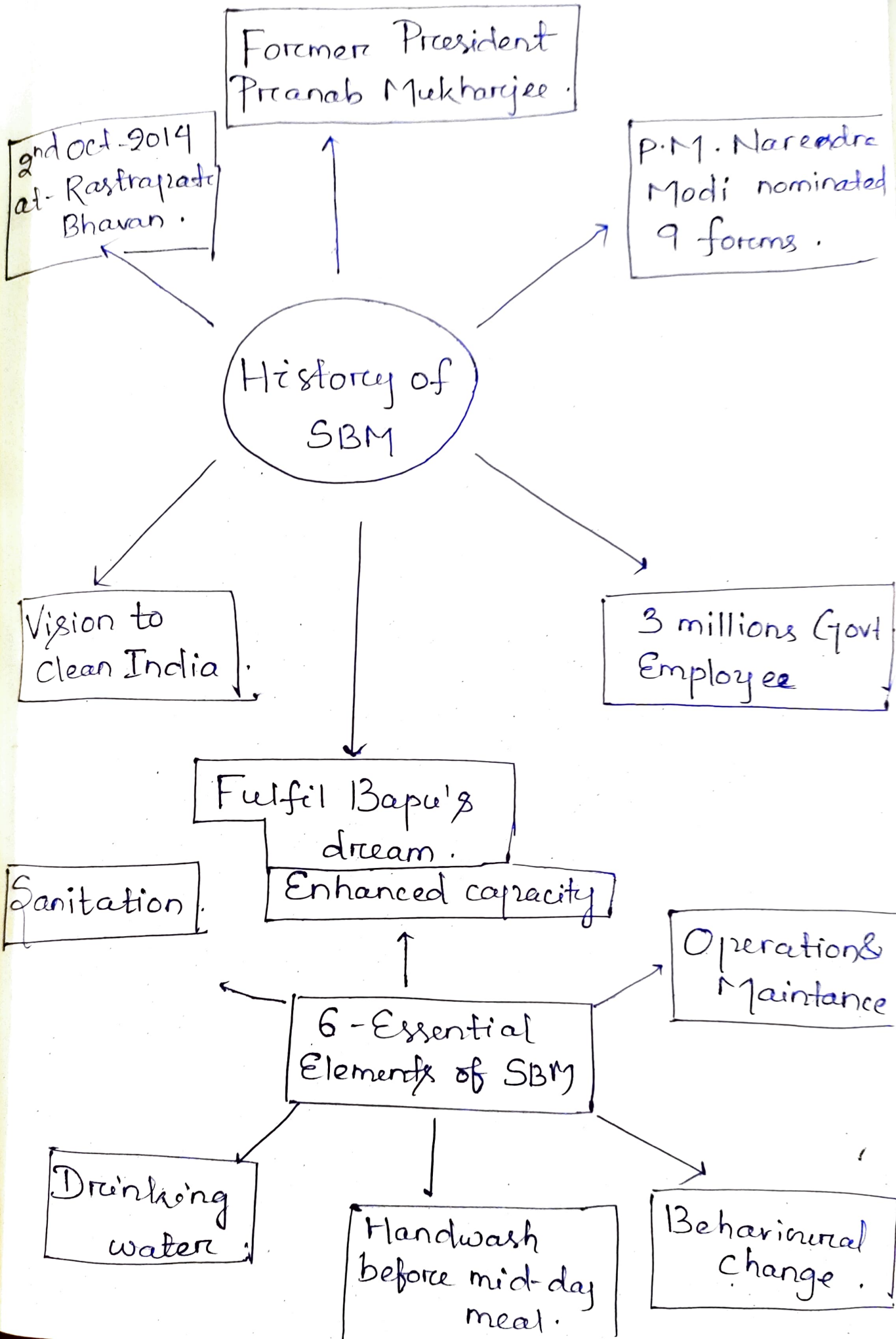
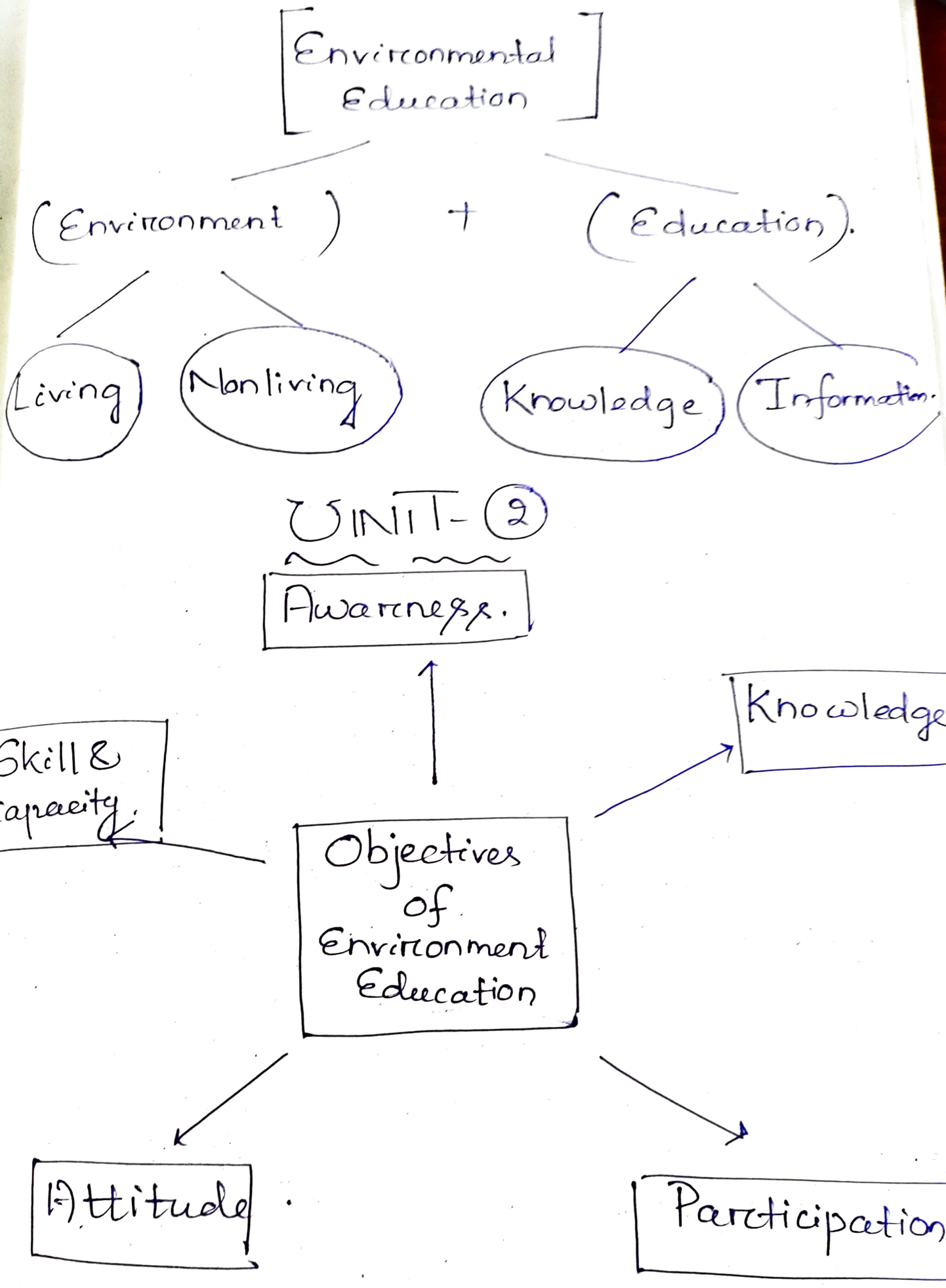
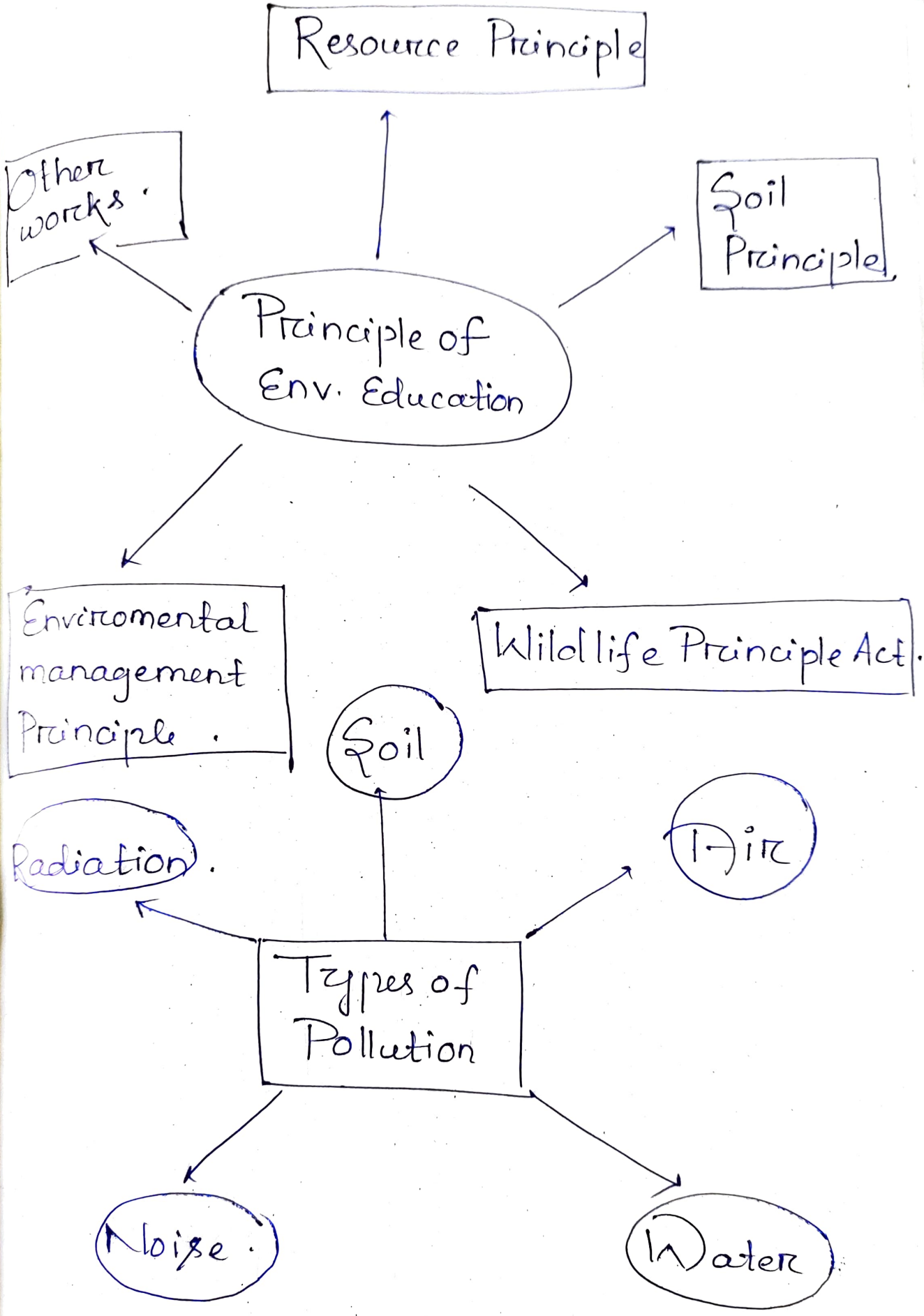
ENVIRONMENTAL EDUCATION

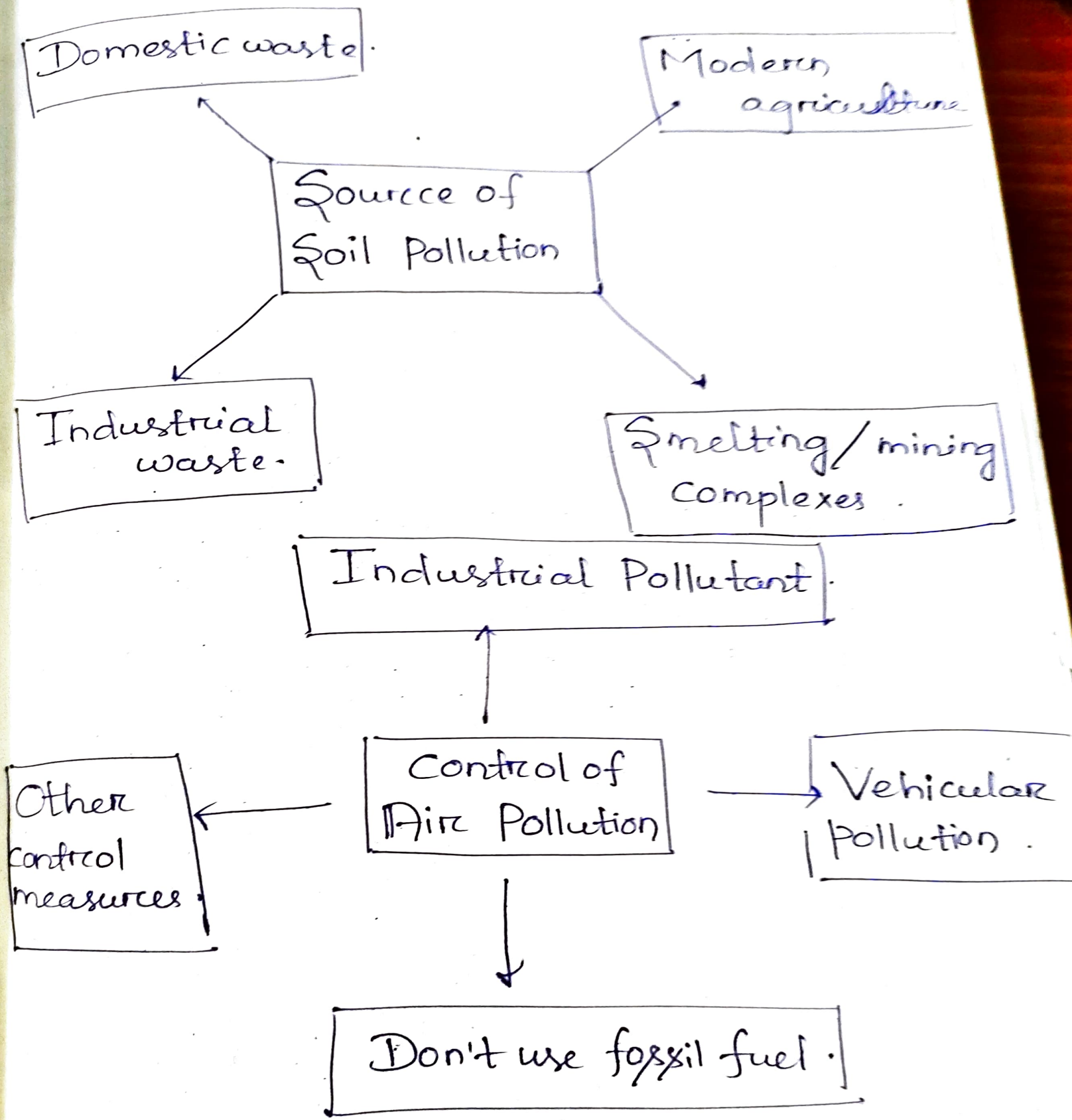
UNIT-(1)

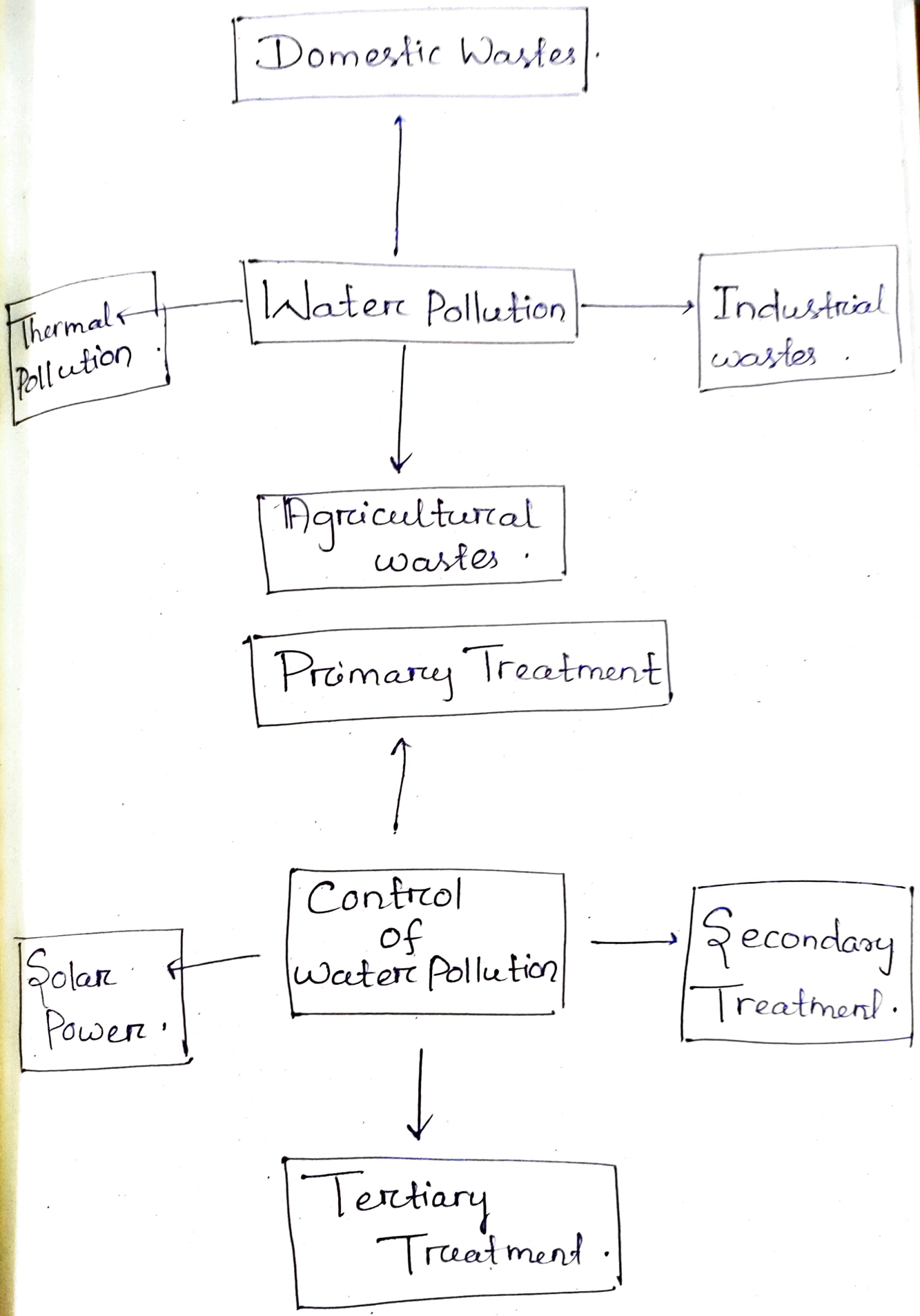


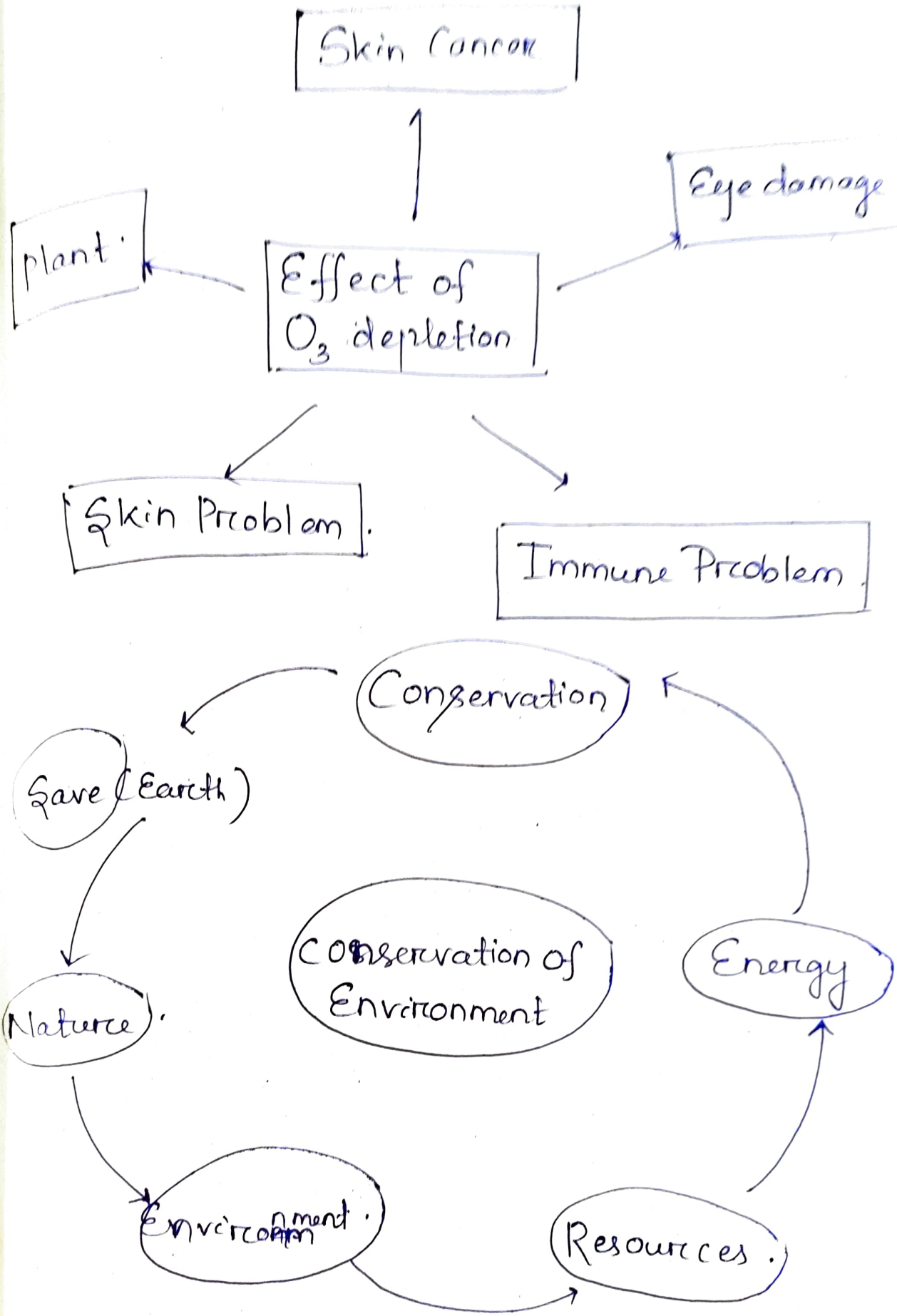

Former President Pranab Mukharjee.
2nd Oct-2014 at- Rastrapati Bhavan.
P.M. Narendra Modi nominated 9 forums.
Historey of SBM
Vision to Clean India.
3 millions Govt Employee
Fulfil Bapu's dream.
Enhanced capacity
Sanitation.
Operations & Maintance
6-Essential Elements of SBM
Drinking water
Handwash before mid-day meal.
Behavioural Change.


Environmental Education
(Environment) + (Education).
Living
Nonliving
Knowledge
Information.
UNIT-(2)
Awareness.
Skill & capacity.
Knowledge
Objectives of Environment Education
Attitude.
Participation.


Resource Principle
Other works.
Soil Principle
Principle of Env. Education
Environmental management Principle.
Wildlife Principle Act.
Soil
Radiation.
Air
Types of Pollution
Noise.
Water


Domestic waste.
Modern agriculture
Source of Soil Pollution
Industrial waste.
Smelting/mining complexes.
Industrial Pollutant.
Other control measures
Control of Air Pollution
Vehicular Pollution.
Don't use fossil fuel.


Domestic Wastes.
Water Pollution
Thermal Pollution.
Industrial wastes.
Agricultural wastes.
Primary Treatment
Control of water Pollution
Solar Power.
Secondary Treatment.
Tertiary Treatment.


Skin Cancer
Eye damage
plant
Effect of O_3 depletion
Skin Problem
Immune Problem
Conservation
Save (Earth)
Nature
Conservation of Environment
Energy
Environment
Resources

Industrialisation

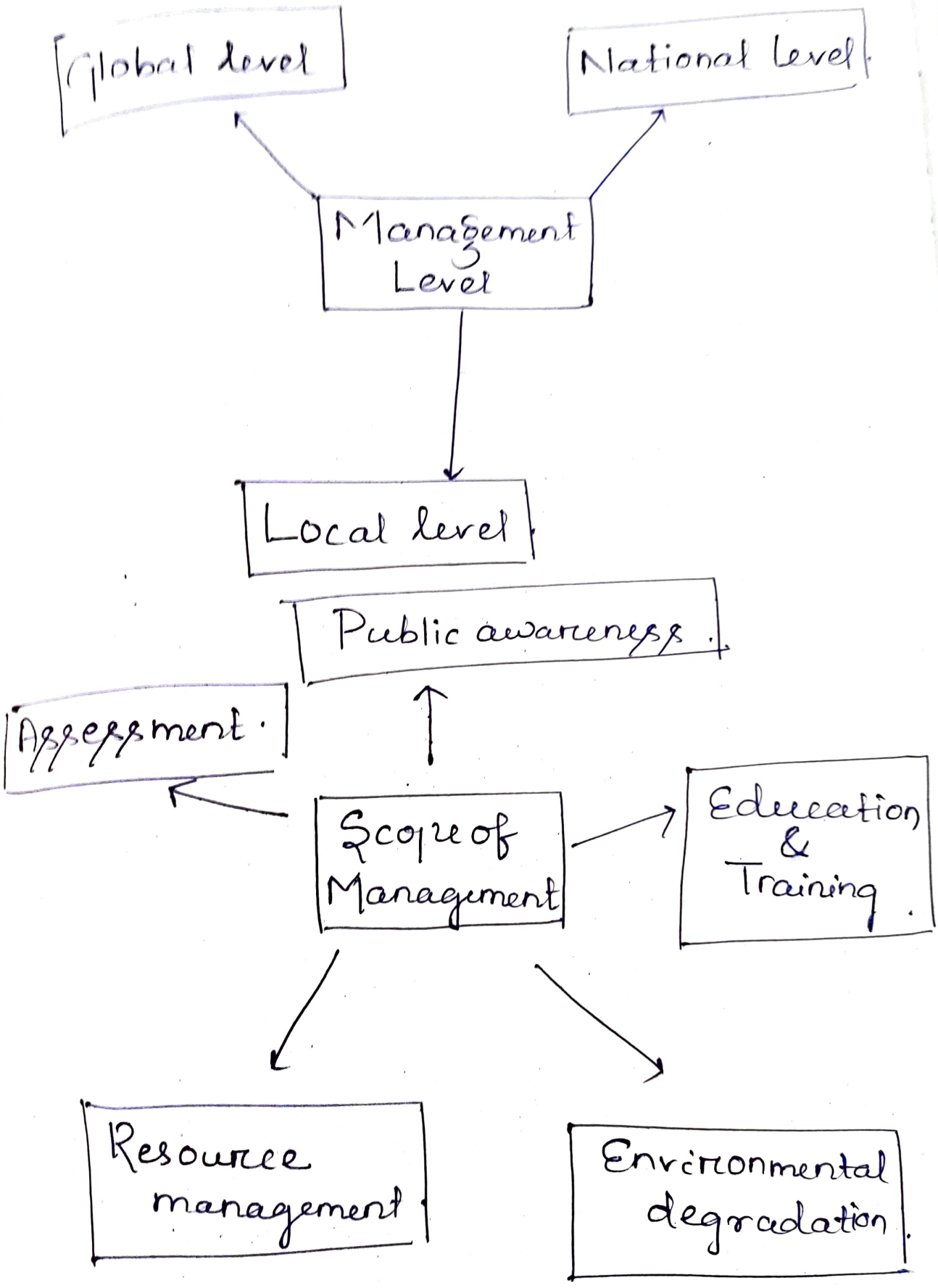
Positive

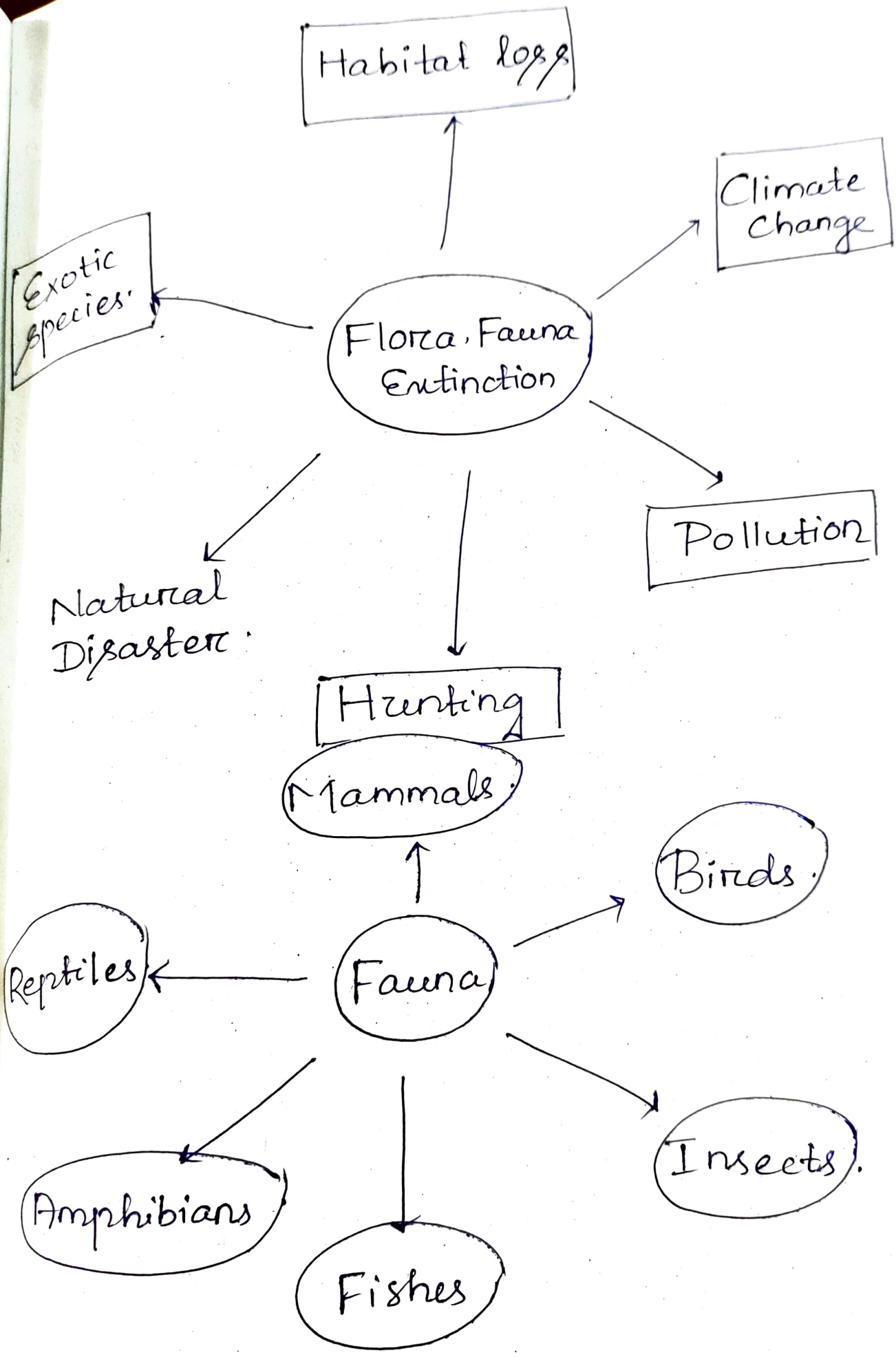
- → Low cost
- → Self Sufficient.
- → Employment
- → Improved agriculture
- → Defence.

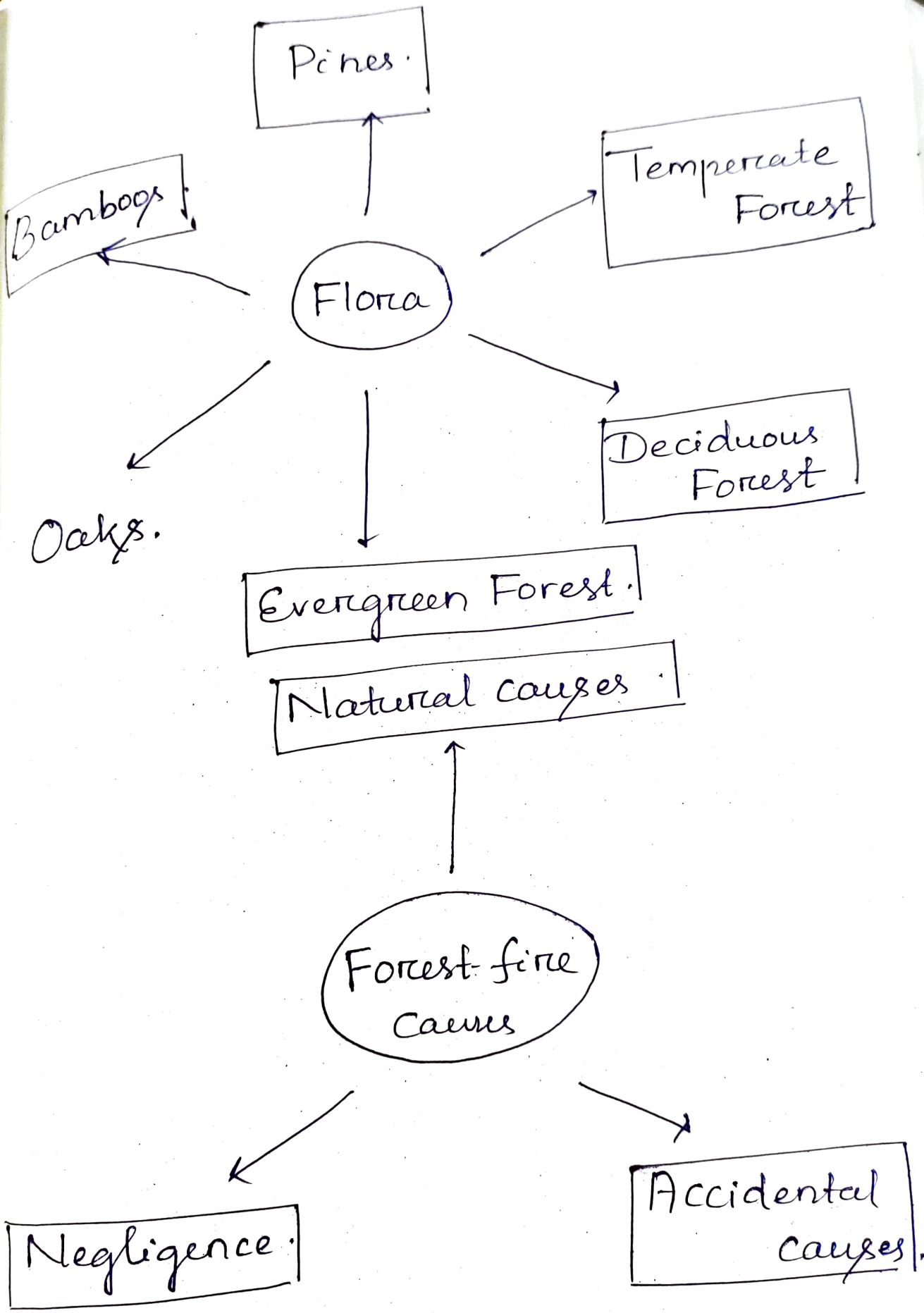
Negative

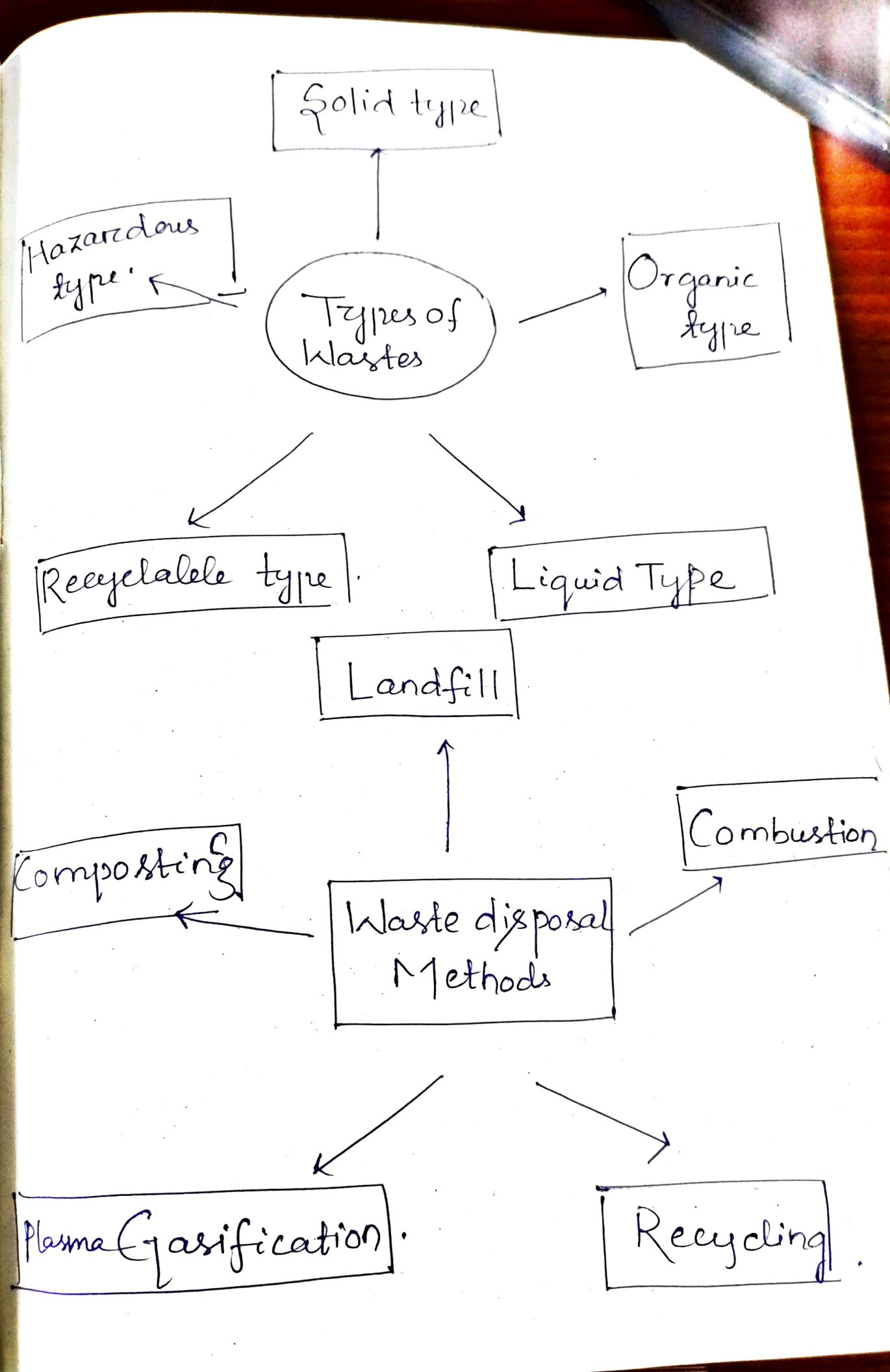
- → Decline cottage industry.
- → Mass migration.
- → Depletion of resource
- → Pollution
- → Increase War.

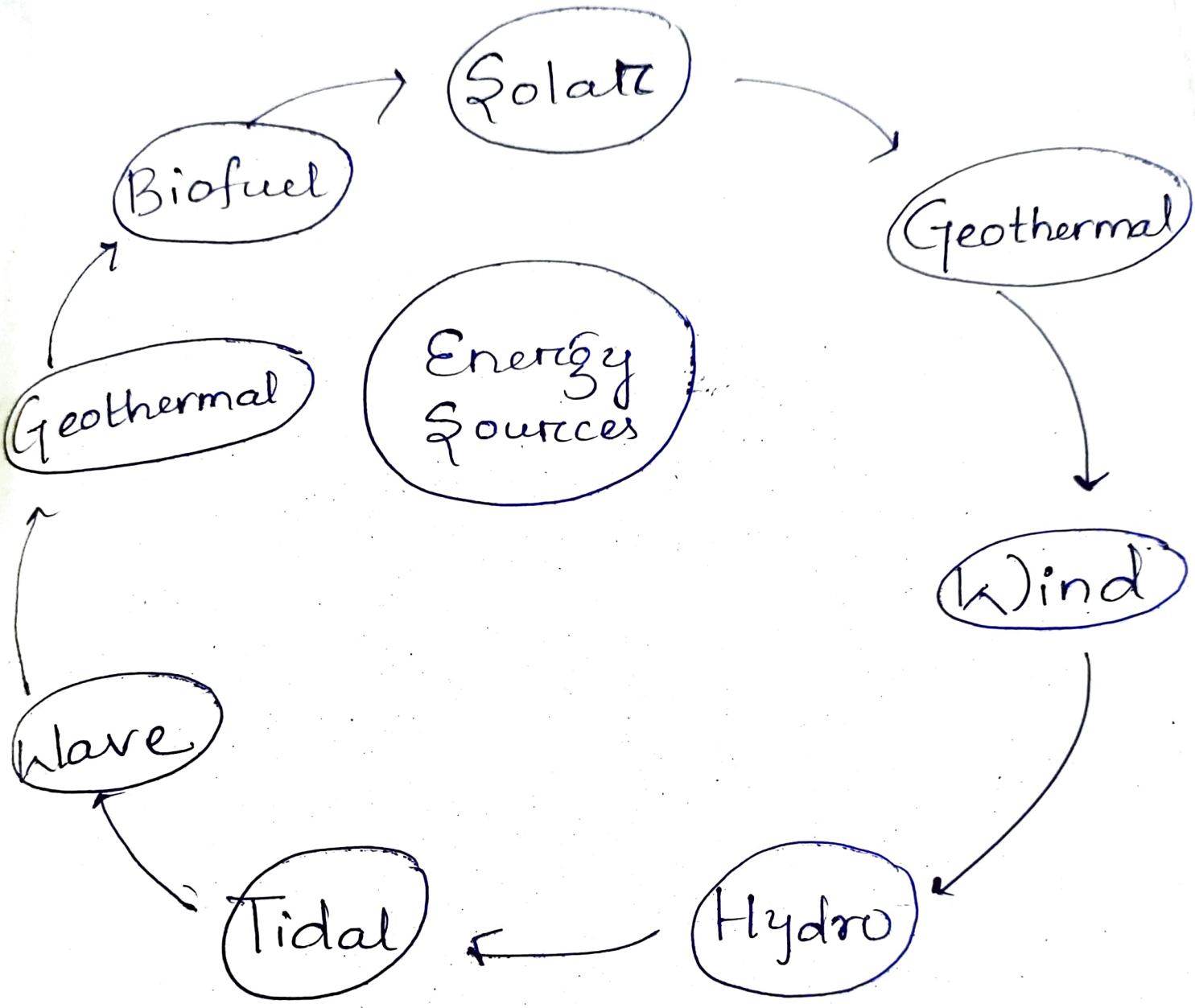
UNIT-(3) Environmental Education.




Habitat loss
Climate change
Exotic species
Flora, Fauna Extinction
Pollution
Natural Disaster
Hunting
Mammals
Birds
Reptiles
Fauna
Amphibians
Insects
Fishes


Pines.
Bamboos
Temperate Forest
Flora
Deciduous Forest
Oaks.
Evergreen Forest.
Natural causes
Forest fire causes
Negligence.
Accidental causes.


Solid type
Hazardous type
Types of Wastes
Organic type
Recyclable type
Liquid Type
Landfill
Composting
Combustion
Waste disposal Methods
Plasma Gasification
Recycling


Solar
Geothermal
Wind
Hydro
Tidal
Wave
Geothermal
Biofuel
Energy Sources

UNIT-4

Largest Water Project

Started in 1979

Narmada River Valley Project

Construction of Dams

2 mega dam.

Submerge Disrupt.

Financially World Bank

Ecofriendly

Improved life!

3R

(Reduce)
(Reuse)
(Recycle)

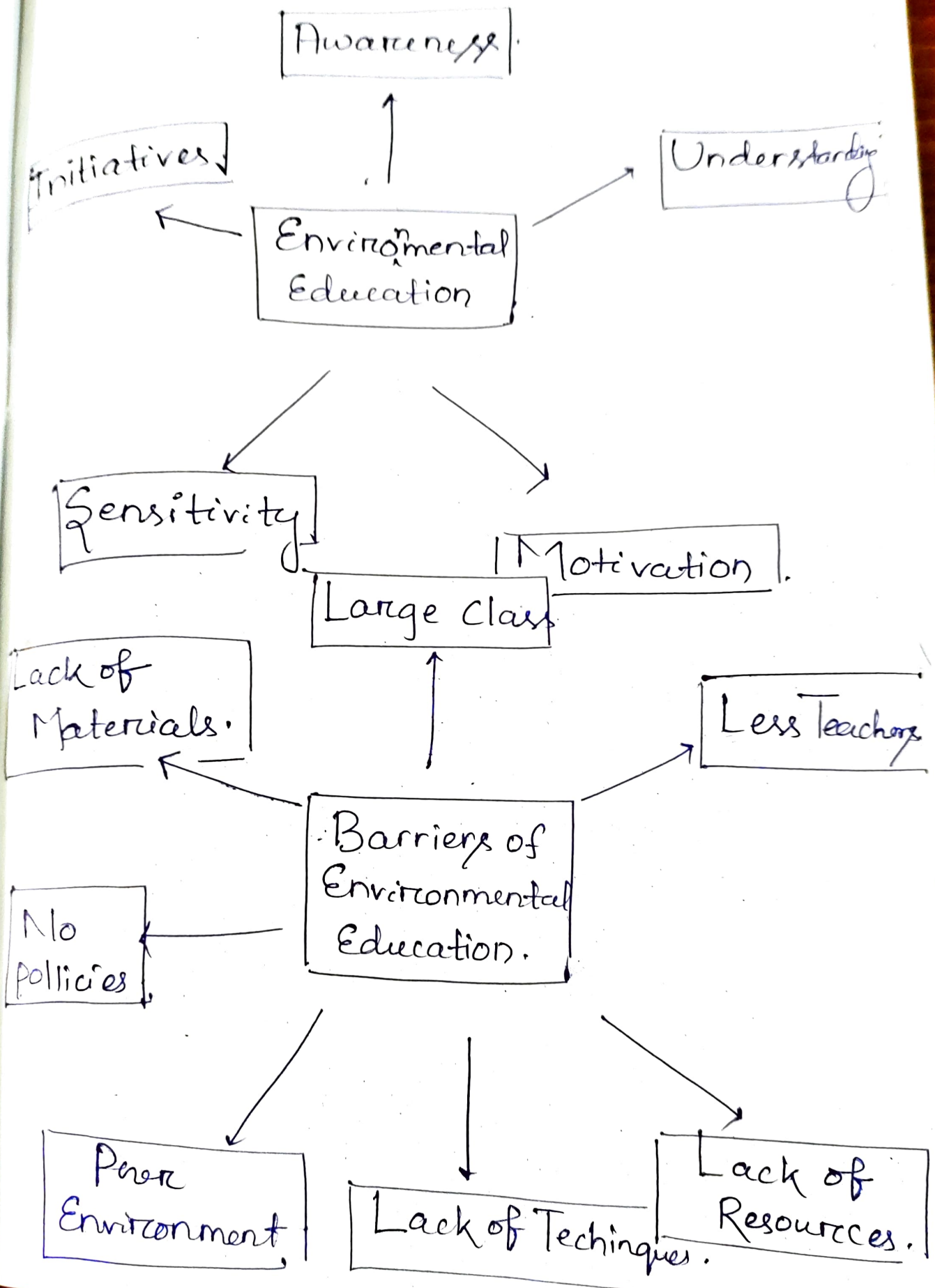
Sustainable Development

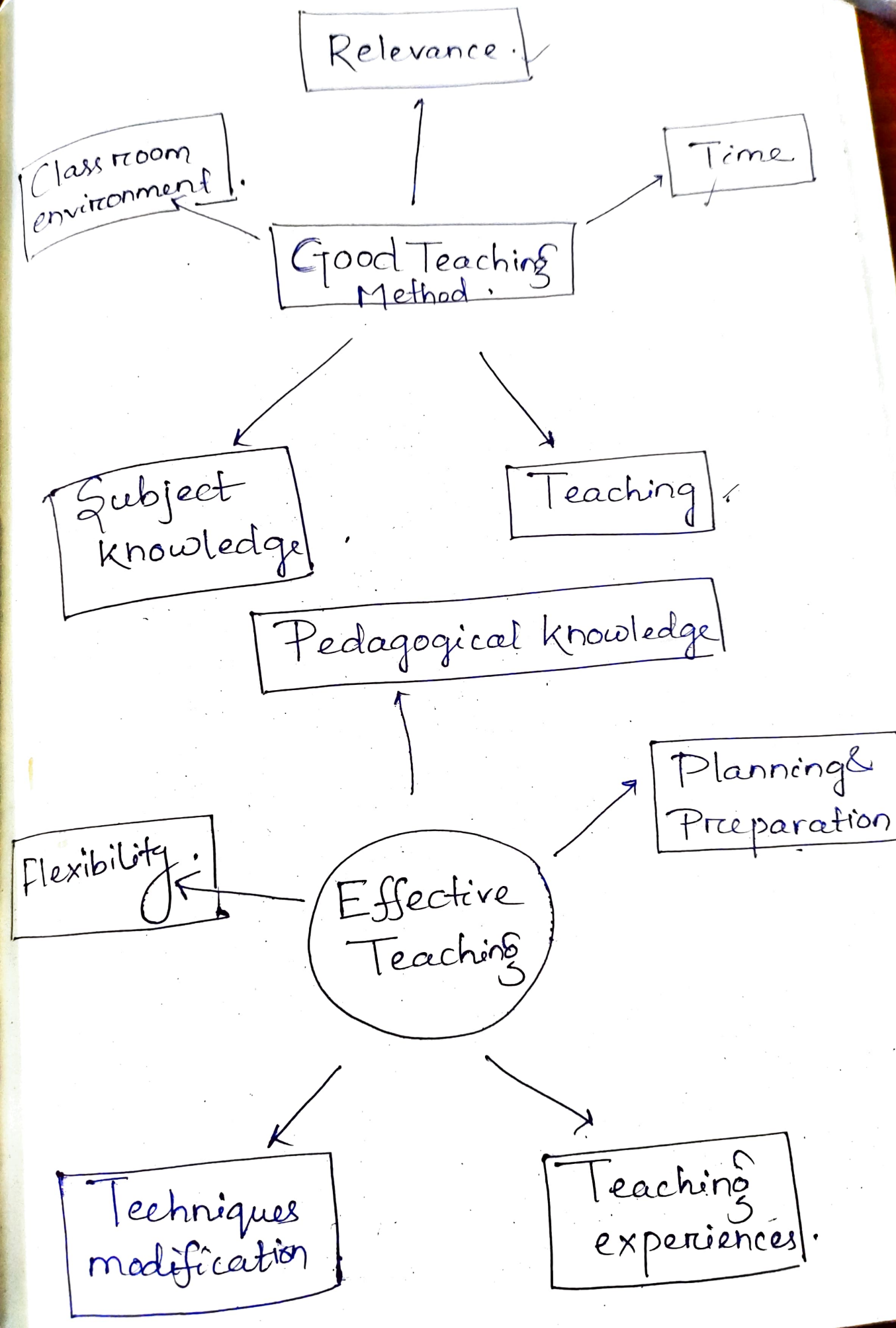
Science & Education

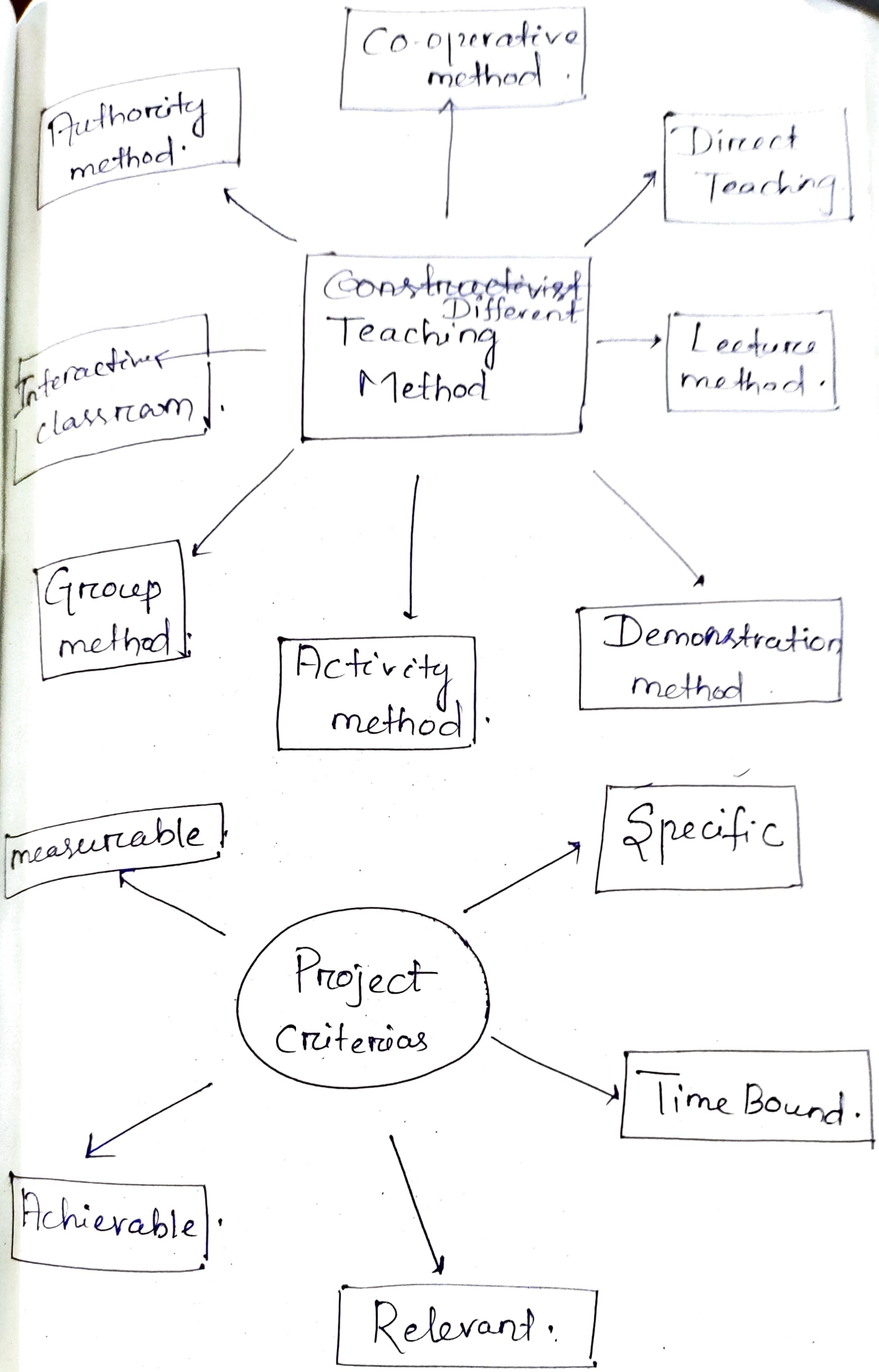
Resource utilization

Awareness

UNIT-(5)


Awareness
Initiatives
Understanding
Environmental Education
Sensitivity
Motivation
Large Class
Lack of Materials.
Less Teachers
Barriers of Environmental Education.
No policies
Poor Environment
Lack of Techinques.
Lack of Resources.


Relevance
Classroom environment
Time
Good Teaching Method
Subject knowledge
Teaching
Pedagogical knowledge
Planning & Preparation
Flexibility
Effective Teaching
Techniques modification
Teaching experiences


Co-operative method.
Authority method.
Direct Teaching
Different Teaching Method
Interactive classroom.
Lecture method.
Group method.
Activity method.
Demonstration method
measurable
Specific
Project Criterias
Time Bound.
Achievable.
Relevant.